



Weather Briefing

May 10, 2015



National Weather Service
Detroit/Pontiac, MI

<http://www.weather.gov/dtx>

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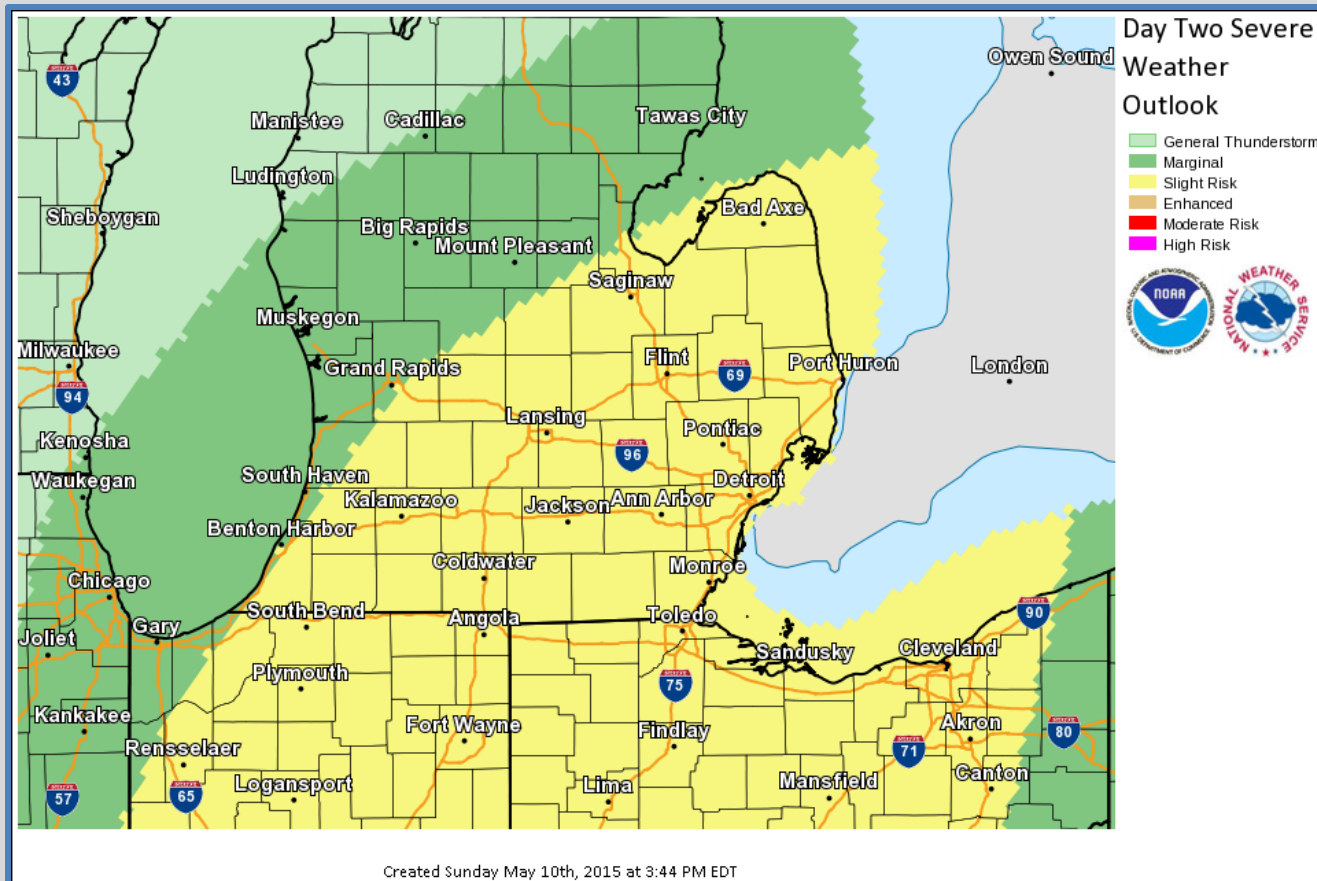


Hazard Summary

Slight Risk Monday



Severe Weather Outlook Monday



✓ **Best threat of severe weather 3–10 pm**

✓ **Main threats: damaging wind, heavy rain**

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Risk Categories

Slight Risk Monday



Understanding Severe Thunderstorm Risk Categories

THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
No severe* thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe storms expected
Lightning/flooding threats exist with <u>all</u> thunderstorms	Limited in duration and/or coverage and/or intensity	Short-lived and/or not widespread, isolated intense storms possible	More persistent and/or widespread, a few intense	Long-lived, widespread and intense	Long-lived, very widespread and particularly intense
					
<ul style="list-style-type: none">• Winds to 40 mph• Small hail	<ul style="list-style-type: none">• Winds 40-60 mph• Hail up to 1"• Low tornado risk	<ul style="list-style-type: none">• One or two tornadoes• Reports of strong winds/wind damage• Hail ~1", isolated 2"	<ul style="list-style-type: none">• A few tornadoes• Several reports of wind damage• Damaging hail, 1 - 2"	<ul style="list-style-type: none">• Strong tornadoes• Widespread wind damage• Destructive hail, 2" +	<ul style="list-style-type: none">• Tornado outbreak• Derecho

* NWS defines a severe thunderstorm as measured wind gusts to at least 58 mph, and/or hail to at least one inch in diameter, and/or a tornado. All thunderstorm categories imply lightning and the potential for flooding. Categories are also tied to the probability of a severe weather event within 25 miles of your location.



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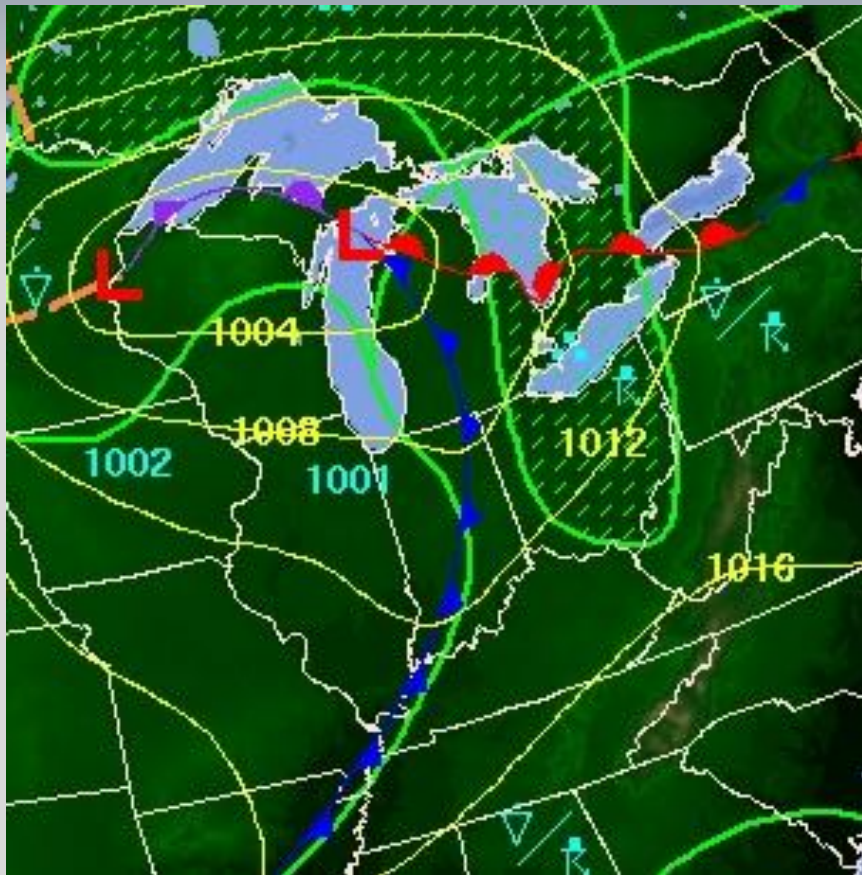
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Decision Support Briefing Highlights



Forecast for 8 pm Monday

Event Summary

Slight Risk of Severe Weather

**Monday Afternoon and
Evening**

All of Southeast Michigan



Severe Weather Details

Monday Afternoon and Evening



What	<ul style="list-style-type: none">• Thunderstorms are expected to develop Monday along and ahead of a cold front. There is a slight risk of severe thunderstorms.• Greatest Threat: Damaging Winds, Localized Flooding• Lesser Threat: Large Hail, Isolated Tornado
When	<ul style="list-style-type: none">• Greatest threat for severe weather 3–10 pm
Where	<ul style="list-style-type: none">• All of Southeast Michigan
Forecast Confidence	<ul style="list-style-type: none">• High in thunderstorm development• Medium in severe thunderstorms

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Additional Information



Local Hazards Page

<http://w2.weather.gov/dtx/dtxhazards>

Storm Prediction Center

<http://www.spc.noaa.gov>

NWS Detroit/Pontiac, MI

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Email: w-dtx.webmaster@noaa.gov



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